

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Andrew S. Kadah
Ser. No.:

Atty Docket No. 430.021PA
March 5, 2002

Filed concurrently herewith
For: **Universal Energy Regulating Controller Circuit**

Art Unit:
Examiner:

PRELIMINARY AMENDMENT

Hon. Commissioner for Patents
Washington, DC 20231

Sir:

Prior to examination, please amend the above-identified patent application as follows:

In the Claims:

Please add:

20. Power controller for powering an induction motor or similar load, comprising
- input means adapted to connect with a source of AC line power, said line power
- having an AC waveform;
- output means adapted to connect to an AC load;
- variable drive circuit means receiving line power from said input means and
- delivering AC power via said output means to said AC load; said variable drive means
- including means for storing and switching at least a portion of said line power and
- selectively passing said line power to said output means in a plurality of modes, including
- (a) said input AC line power being applied directly to said load; and (b) said input AC
- line power being applied to said load with current added at portions of said waveform to

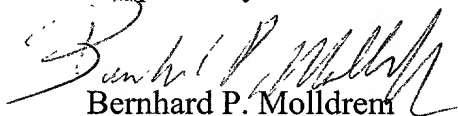
11 reshape the AC waveform; and said variable drive circuit means including a control
12 circuit having sensor inputs coupled to said output means for monitoring and controlling
13 the waveform of the power applied to said load.

Remarks

Claim 20 has been added to round out Applicant's scope of protection. Claim 20 recites elements that are also recited in Claim 13, except that Claim 20 omits any recital of changing the frequency of the drive wave from the input frequency to some other frequency. No new matter is involved.

Applicant is also enclosing copies of the Bevis U.S. Pat. 3,588,650 and Moreira et al. U.S. Pat. 6,051,952 as listed on the attached form PTO 1449. These two patents relate to the current state of the art in electric motor speed controllers. These patents are submitted in good faith in order to assist the Examiner in selecting fields for search, and in conducting as thorough an examination as is possible. This is not intended as an exhaustive listing of the prior art.

Respectfully submitted


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